MATHEMATICS OF THE USSR-SBORNIK

Volume 67, Number 1, 1990

Ya. S. Krylyuk, *Indices of standard maximal subalgebras of Cartan-type p-algebras of finite characteristic* 1
M. I. Belishev, *Wave bases in multidimensional inverse problems* 23
Dzh. È. Allakhverdiev and A. M. Akhmedov, *Some classes of generalized spectral operators and their applications* 43
Nguen Kkhak V'et [Nguyen Khac Viêt], *On minimal models of algebraic curves* 65
Yu. A. Neretin, *Holomorphic extensions of representations of the group of diffeomorphisms of the circle* 75
Yu. B. Khakimdzhanov, *On the cohomology of some nilpotent Lie algebras* 99
I. G. Tsar'kov, *An inequality of Jackson type for abstract functions* 117
V. V. Shevchik, *On the Fourier transformation as a dense-imbedding operator* 143
B. N. Khabibullin, *On the growth of entire functions of exponential type along the imaginary axis* 149
V. G. Litvinov, *Control of the shape of the domain in elliptic systems and choice of the optimal domain in the Stokes problem* 165
A. P. Laurinchikas [A. Laurinčikas], *A limit theorem for the Riemann zeta-function close to the critical line. II* 177
N. A. Shananin, *On a class of Fourier integrals* 195
A. Yu. Khrennikov, *The correspondence principle in quantum field theory and relativistic boson string theory* 209
A. S. Kondrat'ev, *Prime graph components of finite simple groups* 235
M. V. Zaĭtsev, *Locally representable varieties of Lie algebras* 249
V. G. Turaev, *Three-dimensional Poincaré complexes: Homotopy classification and splitting* 261
V. A. Kozlov, *The strong zero theorem for an elliptic boundary value problem in an angle* 283
Yu. V. Kuz'min, *On some properties of free abelian extensions* 303

Volume 67, Number 2, 1990

N. M. Ivochkina, *Solution of the Dirichlet problem for curvature equations of order m* 317
R. S. Ismagilov, *The spectrum of dynamical systems and Riesz products* 341

V. G. Kurbatov, *On the invertibility of almost periodic operators* 367
Le Khong Van [Le Hong Van], *Minimal Φ-Lagrangian surfaces in almost Hermitian manifolds* 379
S. F. Lukomskiĭ, *On certain classes of sets of uniqueness of multiple Walsh series* 393
P. I. Naumkin and I. A. Shishmarev, *A periodic problem for Whitham's equation* 403
A. P. Petukhov, *On the dependence of the properties of the set of points of discontinuity of a function on the degree of its polynomial Hausdorff approximations* 427
V. A. Galaktionov, S. P. Kurdyumov, and A. A. Samarskiĭ, *On the method of stationary states for quasilinear parabolic equations* 449
I. A. Ikromov, *Invariant estimates of two-dimensional trigonometric integrals* 473
O. G. Kharlampovich, *The word problem for solvable Lie algebras and groups* 489
S. A. Stepanov and I. E. Shparlinskiĭ, *On the construction of a primitive normal basis in a finite field* 527
V. I. Sushchanskiĭ, *Wreath products and periodic factorable groups* 535
V. V. Uspenskiĭ, *Topological groups and Dugundji compacta* 555
E. F. Lelikova, *On the asymptotics of the fundamental solution of a parabolic equation in the critical case* 581
O. V. Mel'nikov and A. A. Sharomet, *The Galois group of a multidimensional local field of positive characteristic* 595
Index to Volume 67 611